

## **CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD CENTRAL COAST REGION**

### **DRAFT GENERAL MONITORING AND REPORTING PROGRAM NO. R3-2010-0036 FOR THE MANAGEMENT OF PETROLEUM-IMPACTED SOILS AT AUTHORIZED WASTE PILE MANAGEMENT FACILITIES ON ACTIVE OIL LEASES AND FEE PROPERTIES IN THE CENTRAL COAST REGION**

#### **A. SITE INSPECTIONS AND OBSERVATIONS**

The Discharger shall inspect all waste piles, treatment and/or processing areas (Waste Pile Facilities) according to the following schedule, recording, at a minimum, the following Standard Observations.

##### **1. Site Inspection Schedule:**

During the wet season (**October 1 through April 1**), visual observations shall occur only during scheduled facility operating hours and daylight hours. Visual observations are not required during adverse climatic conditions. The Discharger shall perform a minimum of one inspection prior to, during, and after the rainy season, or at any time a failed management measure and/or discharge is reported or observed.

##### **2. Standard Observations:** Standard observations shall be performed as follows:

- a. Along the perimeter of the Waste Pile Facility:
  - i. Evidence of liquid leaving or entering the project area, estimated size of affected area, and flow rate (show affected area on map).
  - ii. Evidence of erosion and/or sedimentation.
  - iii. Inspection around the entire perimeter of the Waste Pile Facility to ensure the integrity of all containment features (e.g. berms) is maintained during wet seasons.
- b. Within and around the Waste Pile Facility boundary:
  - i. Evidence of ponded water at any point on or adjacent to a waste pile, treatment or processing area (show affected area on map).
  - ii. Evidence of erosion and/or sedimentation in the immediate vicinity of a waste pile, treatment or processing area.

#### **B. DATA LOGGING AND REPORTING REQUIREMENTS**

- 1. **LOGBOOKS:** The Discharger shall maintain logbooks for recording all visual and water analysis data. Logbooks shall include documentation of maintenance and repair of management practices. These logbooks shall be available for inspection to the Water Board, Santa Barbara County, and Division of Oil and Gas and Geothermal Resources (DOGGR) staff.
- 2. If at any time offsite erosion or washout (storm water, sediments, etc.) is observed, the Discharger shall determine and identify the failed management measures and/or source of discharge. Management measure failure is defined as: 1) whenever an implemented management measure creates a condition of pollution, contamination, or condition of

nuisance, as defined by CWC Section 13050, or 2) when lack of implementation of a necessary management measure creates a condition of pollution, contamination, or condition of nuisance, as defined by CWC Section 13050.

3. If management measures fail (this includes failure to implement appropriate management measures), as determined by the local agency with jurisdictional authority or DOGGR and documented as a violation by the local agency, DOGGR or the Water Board, the Discharger shall photo<sup>1</sup> document them and shall implement management practices immediately to prevent discharge and impacts to water quality.
4. **ANNUAL REPORT:** Unless otherwise indicated, the reporting period shall be July 1st through June 30<sup>th</sup>. By October 1 of each year, the Discharger shall submit an Annual Report to the Water Board summarizing all preparedness measures performed to ensure discharges to surface or groundwater do not occur during the impending rainy season, and ensure all relevant Management Practices have been successfully implemented. The Annual Report shall include the following information:
  - a. A status of active Waste Pile Management Facility operations. This section must include an accounting of all petroleum-impacted soils placed within the Waste Pile Management Facility including:
    - i. The source(s) of all materials imported;
    - ii. The approximate volume (cubic yards) of materials imported;
    - iii. The approximate volume of all materials processed (i.e., volume that meets reuse standards, require offsite disposal or require further processing and treatment);
    - iv. The results of all soil chemical characterization performed.
  - b. A summary of all Management Practices implemented in preparation for the upcoming rainy season. Specifically, describe any actions taken to reduce or prevent pollutants in storm water discharges from escaping the Waste Pile Facility boundary.
  - c. An evaluation of the previous year's Management Practices implemented and their effectiveness. Provide a description of any changes/improvements or planned activities that will be implemented based on the previous year's observation of wet weather problems.
  - d. Visual storm water observations and observation dates.
  - e. Stabilization and erosion control measures implemented.
  - f. A summary of all violations.
  - g. A summary of all Standard Observations performed.
  - h. A summary of the actions implemented for the protection of water quality and beneficial uses.

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<sup>1</sup>Monitoring photos need to be of sufficient quality to record the effectiveness of the implemented.

- i. Documentation of rainfall measurement procedures and locations. If requested to do so, the Discharger shall use data from the nearest atmospheric station to provide all requested rainfall data pertinent to the Waste Pile Management Facility.
  - j. A summary of the water quality monitoring performed during the previous year. A location map of the sampling locations must be provided. All water quality data collected must be presented in table form and copies of the certified analytical reports and chain of custody forms for all analyses performed must be included.
  - k. Submittal of all data and photos' in electronic format.
  - l. Recommendations for improving the monitoring and reporting program.
  - m. **MAP(s):**
    - i. A map or aerial photograph clearly showing the locations of all monitoring locations (if any) and relative physical features.
    - ii. A map showing the area(s), in which waste materials have been placed and the location(s) of waste pile projects completed during the previous calendar year.
  - n. **Laboratory Results:**

Laboratory statements, concerning the results of all analysis, demonstrating compliance with the most recently Executive Officer approved sampling protocol. Additionally, results of all sampling and analysis performed, outside the requirements of this monitoring and reporting program, shall be summarized and reported. The following information must also be presented:

    - i. All monitoring analytical data obtained during the previous year, presented in tabular form and electronic format.
    - ii. The evaluation and interpretation of all available data.
5. Electronic Data Submittals: The Annual Report must be submitted electronically to the State Water Resources Control Board GeoTracker program.
6. The Discharger shall maintain records of all monitoring information and results. Records shall be maintained for a minimum of three years. This period may be extended during the course of any unresolved litigation or when requested by the Water Board.
7. The Water Board Executive Officer may modify or rescind this Monitoring and Reporting Program at any time, or may modify or rescind the monitoring and reporting program as to a specific discharger. Any such modification or rescission must comply with CWC Section 13269.
8. **PHOTO-POINT MONITORING POINTS** -Photo-point monitoring points shall be at locations within and outside the Waste Pile Management Facility boundary where petroleum-impacted soil storage or processing activities have the greatest risk of potential discharge (sites may be established by Water Board Executive Officer during or after the pre-winter inspection). All photo-point monitoring points shall be documented in the logbooks. Monitoring photos need to be of sufficient quality to record

the effectiveness of the implemented management practice. Monitoring photos need to be of sufficient quality to record the effectiveness of the implemented

### **C. NOTIFICATION REQUIREMENTS**

The Discharger is responsible for ensuring that all monitoring is done in a safe manner. The Discharger shall notify the Executive Officer within 48 hours by telephone or e-mail and within 14 days in writing, of:

1. Any noncompliance potentially or actually endangering health or the environment.
2. Any flooding, equipment failure, or other change in site conditions, which could impair the integrity of the site or any portion thereof.
3. Any time the Discharger observes a discharge (sediment, soil, other organic material, fluids [oil, hydraulic fluid, etc], from the Waste Pile Management Facility). The Discharger shall immediately correct the source(s) of the discharge if possible, or schedule corrective action at an appropriate time given the site conditions. The written report shall include photo documentation, water quality data, and the management measures or corrective actions and a description of their effectiveness. Upon review of the written report, the Water Board Executive Officer will determine completeness of the report and the need for additional actions necessary for the protection of water quality and beneficial uses.
- 4. VIOLATIONS:** Any violation of the waiver conditions. The written report shall include photo documentation and water quality data (if discharge enters waters of the state) before and after remedial action. Upon review of the report, the Water Board Executive Officer will determine completeness of the report and the need for additional actions necessary for the protection of water quality and beneficial uses. The Discharger shall complete any additional monitoring the Executive Officer determines is necessary.

All reports required in this monitoring and reporting program are required pursuant to CWC Section 13267. Pursuant to CWC Section 13268, a violation of a request made pursuant to CWC 13267 may subject you to civil liability of up to \$1,000 per day for each day in which the violation occurs. The Water Board will base all enforcement action, pursuant to this General Waiver, on the date the General Waiver becomes effective. The Water Board needs the requested information to evaluate the overall water quality improvements resulting from implementation of the conditional Waiver. The information will ensure that compliance with the conditions of this Waiver are achieved. More detailed information is available in the Water Board's public file on this matter.

### **ORDERED BY**

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Roger W. Briggs  
Executive Officer

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Date